

Claims

1. Pad printing press (10) comprising a rotary indexing table (12), at least two plates (16) arranged on the rotary indexing table (12), in each case an inking device (18) arranged so as to be movable in the radial direction on the plate (16) between a rest position and an inking position, and in each case a pad (24) movable in the vertical direction between a rest position and a first and a second working position, characterized in that the pad (24) and the inking device (18) are fastened to a radially movable slide (14).
2. Pad printing press according to claim 1, characterized in that the rotary indexing table (12) has a cam (28) for actuating the radial movement of the slide (14).
3. Pad printing press according to any one of the preceding claims, characterized in that the slide (14) is rigidly coupled to the rotary indexing table (12) in the direction of rotation.
4. Pad printing press according to any of the preceding claims, characterized in that a pad drive (32) independent of the rotary indexing table (12), in particular a stationary pad drive (32), is provided for the pad (24).
5. Pad printing press according to claim 4, characterized in that the pad (24) can be coupled to the pad drive (32) or uncoupled therefrom.

6. Pad printing press according to claim 4 or 5, characterized in that the pad drive (32) is provided above the rotary indexing table (12) and in particular above the slide (14).
7. Pad printing press according to any one of claims 4 to 6, characterized in that the pad drive (32) has a hydraulic, pneumatic, electrical and/or mechanical drive.
8. Pad printing press according to any one of the preceding claims, characterized in that the slide (14) has a longitudinal guide (20) for a guide rod (22) of the pad (14).
9. Pad printing press according to claim 8, characterized in that the longitudinal guide (20) is provided with a retaining device for the guide rod (22).
10. Pad printing press according to claim 9, characterized in that the retaining device can be deactivated or can be overridden after the guide rod (22) of the pad (24) is coupled to a pad drive (32) via a coupling (36).
11. Pad printing press according to any one of the preceding claims, characterized in that the slide (14) with inking device (18) and pad (24) can be exchanged as a module.
12. Pad printing press according to claim 2, characterized in that the cam (28) has an arc-shaped and an ε -shaped section (40 and 42) and the two sections (40 and 42) form a closed curve.

13. Pad printing press according to claim 2 or 12, characterized in that the ϵ -shaped section (42) is movable and/or exchangeable.
14. Pad printing press according to any of the preceding claims, characterized in that, in a multicolor printing press, slides (14) are provided according to the number of colors.
15. Pad printing press according to claim 14, characterized in that a plurality of slides (14) are distributed uniformly over the circumference on the rotary indexing table (12).
16. Pad printing press according to any of the preceding claims, characterized in that an inking station (50), an ink collection station (44), an ink transfer station (46) and a cleaning station (48) are provided for the pad (24).
17. Pad printing press according to any of the preceding claims, characterized in that the distance covered by the pad (24) to the first and/or second working position is adjustable.
18. Pad printing press according to any of the preceding claims, characterized in that the distance covered by the pad (24) at each station (44, 46, 48, 59) is individually adjustable and independent of one another.
19. Pad printing press according to any one of the preceding claims, characterized in that the rotary indexing table (12) is reversibly drivable.